

07/31/97
07/31/97

ISSUE OF SPECIFICATION

SEARCHED

INDEXED

FILED

6

COUNTRY
SERIAL
NUMBER

PATENT DATE

OCT 01 2002

PATENT
NUMBER

2000

6457474

6457474

SERIAL NUMBER

FILING DATE

CLASS

SUBCLASS

898

GROUP ART UNIT

3708

EXAMINER

NGUYEN, DINH

APPLICANTS

CARL E. HANSTROM, M.D., D.V.M.

Please keep w/meet/exam
no. 901006591

VERIFIED

None Date 8/17/98

ABANDONED

C

MATERIALS LISTED ON DRAWINGS

VERIFIED

None Date 8/17/98

C

MATERIALS LISTED ON DRAWINGS

VERIFIED

None Date 8/17/98

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MATERIALS LISTED ON DRAWINGS

VERIFIED

CARL E. HANSTROM
2111 OFFICE OF THE DOCTOR
COLUMBUS
P.O. BOX 33647
ST. PAUL 55133-0647

METHODS OF PREPARATION

TITLE

U.S. DEPT. OF COMM./PAT. & TM—PTO-436L (Rev. 12-94)

| | | | |
|---|--|--|-------------|
| PARTS OF APPLICATION FILED SEPARATELY | | <i>S S</i> Examiner Applications Examiner | |
| NOTICE OF ALLOWANCE MAILED | | CLAIMS ALLOWED | |
| | | Total Claims 17 | Print Claim |
| | | DRAWING | |
| | | Sheets Drwg. | Figs. Drwg. |
| | | Print Fig. | |
| | | ISSUE BATCH NUMBER | |
| | | PREPARED FOR ISSUE | |
| WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code, Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only. | | | |

SEARCHED

| Class | Sub. | Date | Exmr. |
|-------|-----------------------------|---------|-------|
| 128 | 898 | 8/28/98 | DX |
| | updated the above search | 4/6/02 | DX |

SEARCH NOTES

| | Date | Exmr. |
|--|------------------------------|----------------|
| ordered STC search received STC search -> good, ordered articles (see inside) ended STC search | 8/8/98 8/14/98 8/28/02 | DX DX DX |
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INTERFERENCE SEARCHED

| Class | Sub. | Date | Exmr. |
|-------|------|--------|-------|
| 128 | 898 | 4/6/02 | DX |

(RIGHT OUTSIDE)

FORM PTO-635
(Rev. 6-82)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

EXAMINATION OUTLINE

**DO NOT REMOVE
FROM FOLDER**

| | | | |
|----------------------|-----------------|----------------------|----------------|
| NUMBER OF CLAIMS | 17 | NUMBER OF REFERENCES | A |
| REJECTIONS | 112 (102(b)) | ACTION SIGNED BY | Dguyen Wise |
| CONTINUATION-IN-PART | | | |
| CONTINUATION | | | |
| CO-PENDING | | | |
| BOARD DECISION BY | | | |
| | | | |
| | | | |
| Chase L | | | |

★ U.S. GPO:1997-417-376/60308

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

| | | | | | | | | | | | |
|---------------|--|---------------------------|--|-------------------------------|--|----------------------------------|--|------------------------------|--|--|--|
| PATENT NUMBER | | APPLICATION SERIAL NUMBER | | APPLICANT'S NAME PLEASE PRINT | | IF ISSUE, ORIGINAL PATENT NUMBER | | INTERNATIONAL CLASSIFICATION | | A 61 B | |
| 08/903,677 | | CROSS REFERENCES | | CLASS | | (ONE SUBCLASS PER BLOCK) | | CLASS | | INTERNATIONAL CLASSIFICATION | |
| | | | | CLASS | | SUBCLASS | | CLASS | | ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME) | |
| | | | | ART UNIT | | | | ART UNIT | | PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME) | |
| | | | | 3626 | | | | 3626 | | DINH X. NGUYEN | |

U.S. GOVERNMENT PRINTING OFFICE: 1896-420-310

AREA

STABLE

| PATENT APPLICATION FEE DETERMINATION RECORD | | | | | Application or Docket Number 903677 | |
|---|---|---|------------------|----------------------------|--|------------------------------------|
| Effective October 1, 1996 | | | | | | |
| CLAIMS AS FILED - PART I | | | | | OTHER THAN SMALL ENTITY | |
| (Column 1) | | (Column 2) | | OR | | |
| FOR | NUMBER FILED | NUMBER EXTRA | SMALL ENTITY | OTHER THAN SMALL ENTITY | | |
| BASIC FEE | | | RATE | FEE | | |
| TOTAL CLAIMS | 13 minus 20 = * | | x\$11= | | | |
| INDEPENDENT CLAIMS | 2 minus 3 = * | | x40= | | | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | +130= | | | |
| | | | TOTAL | 385 | | |
| | | | OR | TOTAL | | |
| * If the difference in column 1 is less than zero, enter "0" in column 2 | | | | | | |
| CLAIMS AS AMENDED - PART II | | | | | OTHER THAN SMALL ENTITY | |
| (Column 1) | | (Column 2) | | OR | | |
| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | SMALL ENTITY | OTHER THAN SMALL ENTITY | |
| | Total | * | Minus | ** | = | RATE |
| Independent | * | Minus | *** | = | x\$11= | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | x40= | |
| | | | | | +130= | |
| | | | | | TOTAL ADDIT. FEE | |
| | | | | | OR | TOTAL ADDIT. FEE |
| (Column 1) (Column 2) (Column 3) | | | | | AMENDMENT B | OTHER THAN SMALL ENTITY |
| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDITIONAL FEE | |
| | Total | * | Minus | ** | = | x\$11= |
| Independent | * | Minus | *** | = | x40= | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | +130= | |
| | | | | | TOTAL ADDIT. FEE | |
| | | | | | OR | TOTAL ADDIT. FEE |
| (Column 1) (Column 2) (Column 3) | | | | | AMENDMENT C | OTHER THAN SMALL ENTITY |
| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDITIONAL FEE | |
| | Total | * | Minus | ** | = | x\$11= |
| Independent | * | Minus | *** | = | x40= | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | +130= | |
| | | | | | TOTAL ADDIT. FEE | |
| | | | | | OR | TOTAL ADDIT. FEE |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. | | | | | | |



70572 U.S. PTO

07/31/97

A/\$

PATENT

Karl G. Hanson
 PO Box 33427
 St. Paul, Minnesota 55133-3427
 612/736-7776

Application Transmittal Letter

Assistant Commissioner for Patents
 Box Patent Application
 Washington, D.C. 20231

Inventor(s): Carl E. Hanson
 Title: METHOD OF TREATING CHEST PAIN

- Enclosed is the above-mentioned new patent application. It includes 0 sheet(s) of drawings.
- Enclosed is check in the amount of \$385 for the filing fees.
- The fee for filing the application is computed as follows:

| Claims As Filed | | | | |
|---|---------------------|---------------------|-------------|----------------------------|
| (1) For | (2) Number Filed | (3) Number Extra | (4) Rate | (5) Basic Fee \$385. |
| Total Claims | 13 -20 = | 0 | x \$11. | \$0 |
| Independent Claims | 2 -3 = | 0 | x \$40. | \$0 |
| Additional fee for filing one or more multiple dependent claims | | | \$130. | \$0 |
| Total amount due → | | | | \$385 |

| | | |
|--------------------------------------|---|---------------|
| Registration Number 32,900 | Telephone Number 612-736-7776 | Signature |
| Date 7/31/97 | Print Name Karl G. Hanson | |

Certificate of Express Mailing

- Pursuant to 37 CFR 1.10 I certify that this application is being deposited on the date indicated below with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

| |
|--|
| Express Mail Mailing Label No. EH 086 245 215 US |
| Date of Deposit 7/31/97 |

| |
|---|
| Signature of Person Mailing Application |
| Printed Name of Person Mailing Application Karl G. Hanson |

PACE DATA ENTRY CODING SHEET

U. S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

EXAMINE

TITLE OF INVENTION

| POSITION | ID NO. | DATE |
|-------------|--------|----------|
| CLASSIFIER | | 10-29-91 |
| EXAMINER | 70303 | 12-10-91 |
| TYPIST | ↓ | ↓ |
| VERIFIER | | |
| CORPS CORR. | | |
| SPEC. HAND | 69558 | 4/17/98 |
| FILE MAINT. | | |
| DRAFTING | | |

INDEX OF CLAIMS

| Claim | Final | Original | Date |
|-------|-------|----------|---------|
| 1 | ✓ | ✓ | 4/17/91 |
| 2 | | | 3/4/91 |
| 3 | | | 3/4/91 |
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SYMBOLS

| | |
|---|----------------------------|
| ✓ | Rejected |
| = | Allowed |
| - | (Through number) Cancelled |
| * | Restricted |
| N | Non-elected |
| I | Interference |
| A | Appeal |
| O | Objected |

| Claim | Date |
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07/31/97



APPROVED FOR LICENSE

INITIALS OCT 2 97

Date
Entered
or
Counted

CONTENTS

Date
Received
or
Mailed~~ABANDONED~~

1. Application _____ papers.
2. ~~Office Action~~ 12-11-97
3. ~~Office Action - Incomplete Response~~ 3-2-98
4. ~~Amendment, etc.~~ 11/15/98
5. ~~Response~~ 3-23-98
6. ~~Fees~~
7. ~~Final Construction~~ 9-1-98
8. ~~Ref 3M00~~
9. ~~Ref 3M00~~
10. ~~Ref 3M00~~ 9-17-98
11. ~~Response~~ 12-21-98 inc
12. ~~Final Rejection (3mths)~~ 3-15-99
- ~~800-767-1697~~
13. ~~Notice of Appeal~~ 6-17-99
- ~~6/18/99~~
14. ~~Brief~~ 6-20-99
15. ~~Answer~~ 7/9/99
16. ~~Decision by Board - Affirmed~~ 7-17-01
17. ~~Abandonment~~
18. ~~PET. 1137 (b)~~ 10-30-01
19. ~~C.P.A~~ 10-30-01
20. ~~Petition Granted~~ 12-14-01
21. ~~Final Rejection~~ 11/8/02
22. ~~Req for Reconsideration~~ 2/14/02
23. ~~Amend B~~ 8-3-01
24. ~~NOA~~ 5-3-02 ✓
25. ~~LETTER~~ 7-29-02 ✓
26. ~~NOTICE of DIRECTOR ORDERED REEXAM~~ 2-10-03 ✓
- 27.
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